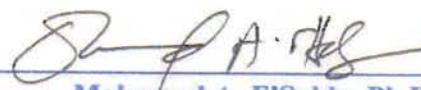


**QUARTERLY REPORT
POTENCY MONITORING PROJECT
REPORT 100**

December 16, 2007 thru March 15, 2008

National Institute on Drug Abuse
Contract Number:
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Mahmoud A. ElSohly, Ph.D.
Director
NIDA Marijuana Project

National Center for Natural Products Research
a Division of the Research Institute of Pharmaceutical Sciences
The School of Pharmacy
University of Mississippi
University, Mississippi 38677

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SUMMARY

As of March 15, 2008, the Project has analyzed and compiled data on 62,797 Cannabis, 1302 Hashish, and 468 Hash Oil samples. Thirty-three percent (33%) of the cannabis samples are from domestic seizures representing all fifty (50) states. The highest concentration of Δ^9 -THC found in a cannabis (marijuana) sample is thirty-three and twelve hundredths percent (33.12%) from Oregon State Police. The highest sample this quarter is thirty seven and twenty hundredths percent (37.20%) from the Southwestern Regional Laboratory of the Drug Enforcement Administration.

During this report period, samples from all Drug Enforcement Administration Regional Laboratories were analyzed with non-normalized THC concentrations of *Cannabis* ranging from 0.00% THC to 37.20% THC. The highest THC sample was from Southwestern Regional Laboratory (Vista, CA). The number of domestic seizures for this report period was four hundred fifteen (415) of the twelve hundred forty-eight (1248) *Cannabis* samples submitted.

For data collected prior to 1995, the designation of ditchweed is based on <1% THC anded samples with THC>1%, but meeting the criteria based on CBD being >THC. In addition, the frequency of seizures with THC levels exceeding 3%, 5% and 9% is shown in *Table 1* for the years 1989 to present. We will continue to update and revise the report to provide the most useful information.

INTRODUCTION

As of March 15, 2008, samples from 64,567 seizures of cannabis (marijuana), hashish and hash oil have been analyzed. Of these 62,797 were marijuana, 1302 were hashish, and 468 were hash oil. Composite analytical data on these samples show the following:

% of Dry Weight of Delta-9 THC

In All Domestic and Non-Domestic Samples Analyzed by the Project

As of March 15, 2008

		# of samples	Arithmetic average	Highest concentration	Lowest concentration
All samples	Cannabis	62797	4.53	37.20	.00
	Hashish	1302	6.24	66.33	.01
	Hash Oil	468	16.67	81.70	.01
Domestic	Cannabis	20935	3.31	33.12	.00
	Hashish	9	8.59	52.87	.16
	Hash Oil	5	17.41	31.65	.21
Not domestic	Cannabis	41862	5.14	37.20	.01
	Hashish	1293	6.23	66.33	.01
	Hash Oil	463	16.66	81.70	.01

For this report period *December 16, 2007 through March 15, 2008*, samples from seizures have been analyzed, which are:

- 1248 Cannabis
- 33 Hash
- 9 Hash Oil

Composite analytical data on the samples analyzed during this quarter are as follows:
Cannabis plant material, categorized by physical description of the samples,
showing the high and low Δ^9 -THC concentration is as follows:

% of Dry Weight of Delta-9 THC
In All Domestic and Non-Domestic Samples Analyzed by the Project
Between December 16, 2007 to March 15, 2008

		# of samples	Arithmetic average	Highest concentration	Lowest concentration
All samples	Cannabis	1248	7.89	37.20	.09
	Hashish	33	23.75	66.09	.18
	Hash Oil	9	5.83	33.43	.35
Domestic	Cannabis	415	5.03	25.80	.09
Not domestic	Cannabis	833	9.32	37.20	.24
	Hashish	33	23.75	66.09	.18
	Hash Oil	9	5.83	33.43	.35

% of Dry Weight of Delta-9 THC
In All Domestic and Non-Domestic Cannabis Samples Analyzed by the Project
As of March 15, 2008

		# of samples	Arithmetic average	Highest concentration	Lowest concentration
Ditch weed	Buds	436	.35	1.31	.01
	Kilobricks	24	.48	.95	.01
	Loose leaf	610	.40	2.40	.00
	Loose other	1517	.36	1.17	.00
	UK	1	.05	.05	.05
	Marijuana	7653	6.64	37.20	.01
	Kilobricks	15553	4.24	17.34	.02
	Loose leaf	7053	2.45	19.53	.00
	Loose other	22959	3.24	26.80	.00
	ST	3	2.42	2.76	2.13
Sinsemilla	Thai Sticks	2	4.98	6.69	3.27
	UK	5	4.76	10.37	1.32
	Buds	6849	10.81	33.12	.10
	Kilobricks	9	7.84	16.07	3.34
Thai Sticks	Loose leaf	43	4.12	22.32	.63
	Loose other	25	9.07	18.16	.64
	Thai Sticks	39	3.70	8.92	.05

% of Dry Weight of Delta-9 THC
In All Domestic and Non-Domestic Cannabis Samples Analyzed by the Project
Between December 16, 2007 to March 15, 2008

		# of samples	Arithmetic average	Highest concentration	Lowest concentration
Ditch weed	Buds	22	.27	.78	.09
	Loose leaf	3	.60	.84	.24
Marijuana	Buds	262	7.16	37.20	.14
	Kilobricks	163	6.40	13.48	.31
	Loose leaf	167	2.14	15.92	.20
Sinsemilla	Loose other	13	4.52	8.80	1.80
	Buds	602	10.70	28.19	.60
	Kilobricks	1	9.68	9.68	9.68
	Loose leaf	10	2.77	6.63	.63
	Loose other	4	6.39	9.67	.87

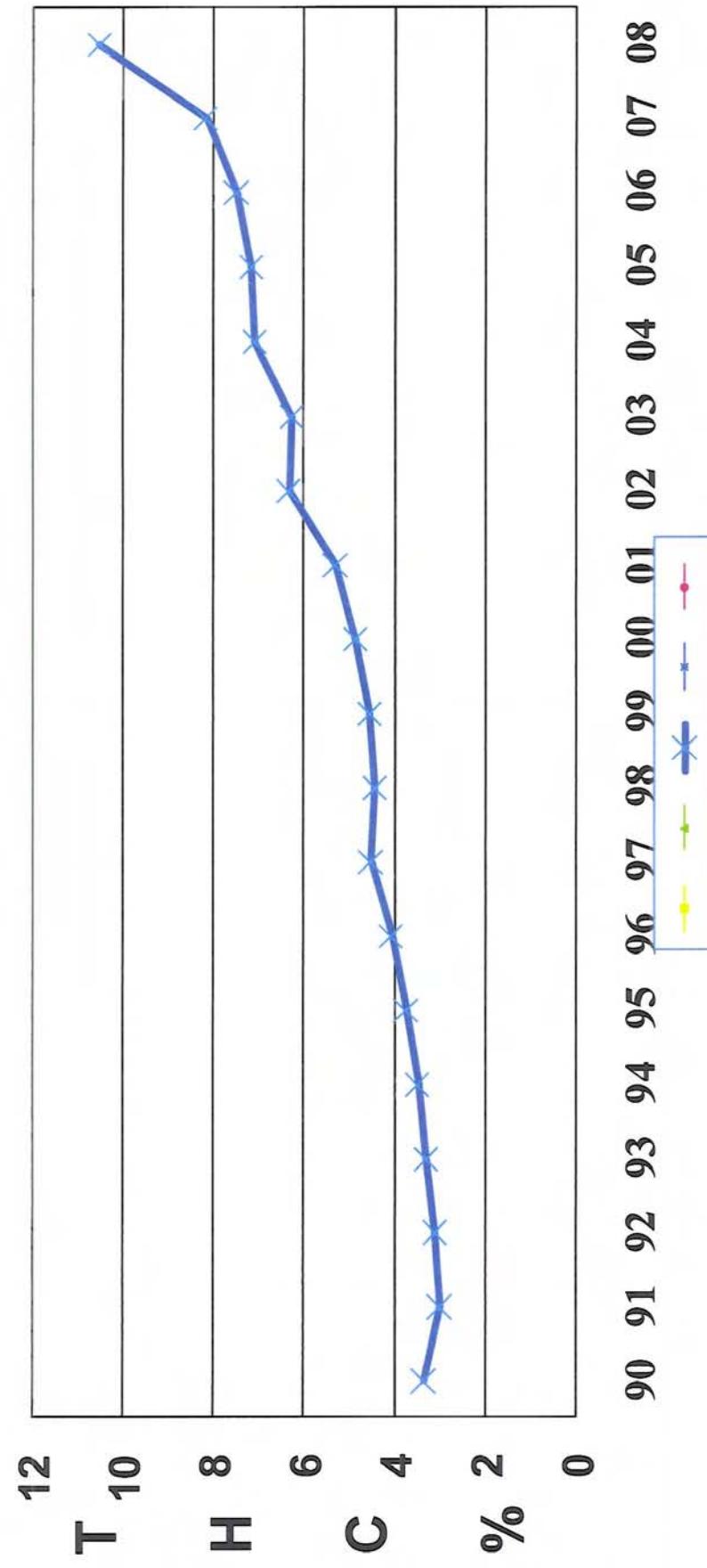
Table 1. Prevalence of High Potency Marijuana (1989 - Current Report)
Between December 16, 2007 to March 15, 2008

Year		THC Level							
		less than 3%		3.0% - 4.9%		5.0% - 8.9%		9.0% or higher	
		n	%	n	%	n	%	n	%
1989		669	1.3%	402	.8%	178	.3%	23	.0%
1990		679	1.3%	350	.7%	169	.3%	65	.1%
1991		1524	2.9%	639	1.2%	240	.5%	104	.2%
1992		2133	4.1%	952	1.8%	349	.7%	106	.2%
1993		1777	3.4%	1069	2.1%	386	.7%	124	.2%
1994		1532	3.0%	1137	2.2%	511	1.0%	104	.2%
1995		1763	3.4%	2093	4.1%	784	1.5%	119	.2%
1996		931	1.8%	843	1.6%	524	1.0%	137	.3%
1997		874	1.7%	792	1.5%	564	1.1%	224	.4%
1998		889	1.7%	649	1.3%	524	1.0%	201	.4%
1999		1103	2.1%	761	1.5%	487	.9%	307	.6%
2000		1142	2.2%	839	1.6%	718	1.4%	415	.8%
2001		865	1.7%	670	1.3%	749	1.4%	412	.8%
2002		657	1.3%	527	1.0%	657	1.3%	551	1.1%
2003		655	1.3%	607	1.2%	681	1.3%	554	1.1%
2004		640	1.2%	494	1.0%	733	1.4%	741	1.4%
2005		711	1.4%	492	1.0%	857	1.7%	889	1.7%
2006		736	1.4%	430	.8%	745	1.4%	932	1.8%
2007		627	1.2%	314	.6%	808	1.6%	1019	2.0%
2008		2	.0%	0	.0%	1	.0%	9	.0%

Table 2. Non-Normalized Cannabinoid Averages of Illicit Cannabis Samples by Year Seized

	# of seizures	% Delta-9 THC	% CBD	% CBC	% CBN	
Year	1975	156	.74	.03	.10	.54
	1976	206	.71	.00	.09	.37
	1977	240	.90	.09	.10	.43
	1978	132	1.37	.01	.12	.67
	1979	221	1.67	.02	.12	.24
	1980	153	2.06	.10	.14	.47
	1981	260	2.28	.35	.16	.38
	1982	487	3.05	.34	.19	.33
	1983	1229	3.23	.22	.16	.30
	1984	1119	3.29	.24	.17	.34
	1985	1612	2.82	.28	.14	.23
	1986	1556	2.30	.29	.15	.21
	1987	1700	2.93	.30	.17	.30
	1988	1822	3.29	.28	.15	.30
	1989	1272	3.06	.37	.14	.22
	1990	1263	3.35	.38	.18	.19
	1991	2507	3.00	.45	.19	.16
	1992	3540	3.10	.24	.20	.36
	1993	3356	3.29	.28	.17	.23
	1994	3284	3.48	.34	.21	.20
	1995	4759	3.75	.31	.20	.31
	1996	2435	4.07	.42	.23	.23
	1997	2454	4.53	.40	.25	.20
	1998	2263	4.43	.41	.22	.23
	1999	2658	4.55	.43	.21	.38
	2000	3114	4.87	.45	.21	.34
	2001	2696	5.31	.47	.23	.28
	2002	2392	6.34	.42	.24	.22
	2003	2497	6.28	.46	.24	.23
	2004	2608	7.09	.46	.25	.28
	2005	2949	7.18	.46	.27	.32
	2006	2843	7.50	.53	.25	.28
	2007	2768	8.12	.47	.24	.23
	2008	12	10.54	.49	.35	.11
Total	62563	4.54	.37	.21	.27	

**FIGURE 1: NON-NORMALIZED AVERAGE
THC % VS. YEAR OF CONFISCATION**



Confiscation Year

**Table 3. Comparison of Non-normalized Delta-9 THC Concentrations
in Different Forms by Year Confiscated 1985 – Present**

Year	Type of Cannabis					Physical Description					Cannabis	
	Ditch weed	Marijuana	Sinsemilla	Thai Sticks	Buds	Kilobricks	Loose leaf	Loose other	ST	Thai Sticks	UK	
1985	.48	2.83	7.28	6.26	5.67	3.80	.	2.44	.	6.26	.	2.82
1986	.31	2.37	8.43	3.73	6.16	2.98	.51	1.96	.	4.22	.	2.30
1987	.34	2.96	7.93	4.45	5.45	3.32	.	2.59	.	4.45	.	2.93
1988	.39	3.18	7.62	3.36	6.13	3.53	.	2.77	.	3.36	.	3.29
1989	.29	3.04	6.95	.	4.82	3.85	.	2.49	.	.	.	3.06
1990	.33	3.24	10.10	.12	6.27	3.76	.	2.78	.	.12	.	3.35
1991	.31	3.09	10.53	.	5.42	3.11	.	2.27	.	.	.	3.00
1992	.31	3.08	8.57	.	6.50	3.07	.	2.65	.	.	.	3.10
1993	.37	3.38	5.77	.	5.81	3.63	.61	2.77	.	.	.	3.29
1994	.38	3.50	7.49	.	6.10	3.77	1.20	2.94	.	.	.	3.48
1995	.41	3.73	7.51	4.52	6.01	3.84	2.01	4.17	.	4.52	.	3.75
1996	.38	3.87	9.23	.	6.94	4.44	2.26	4.28	.	.	.	4.07
1997	.49	4.25	11.62	.	8.71	4.66	2.79	4.93	.	4.66	.	4.53
1998	.39	4.22	12.33	.	8.40	4.66	2.41	4.47	.	.	.	4.43
1999	.37	4.18	13.38	.	9.97	3.84	2.24	4.11	.	4.66	.	4.55
2000	.35	4.68	12.80	.	9.33	4.40	2.31	4.71	.	3.27	.	4.87
2001	.43	5.02	9.55	.	8.88	4.99	2.30	5.01	.	.	.	5.31
2002	.40	5.11	11.36	.	8.03	5.07	2.25	5.50	.	5.18	.	6.34
2003	.35	4.97	11.59	.	8.38	5.15	2.19	4.03	.	.05	.	6.28
2004	.38	5.38	11.87	.	9.19	5.41	2.17	4.60	2.56	2.75	7.09	.
2005	.37	5.25	11.62	.	9.82	5.68	2.19	5.83	2.13	.	.	7.18
2006	.30	5.58	11.17	.	9.72	6.03	2.30	4.91	.	.	.	7.50
2007	.37	6.01	10.98	.	9.77	6.68	2.07	8.06	.	10.37	8.12	.
2008	.23	9.32	11.70	.	11.54	1.48	9.67	10.54

NOTES:

- (1) All figures are given as percent of dry weight.
- (2) Data on ditch weed prior to 1995 are based on samples with <1% THC and with CBD>THC.

Table 4. Non-normalized Delta-9 THC Averages of Illicit Cannabis Samples Analyzed Through March 15, 2008 by Year Seized and Source

	Non-Domestic Samples		Domestic Samples		Yr/total	
	#	THC	#	THC	#	THC
<= 1976	203	.69	3	1.77	206	.71
1977	233	.88	7	1.38	240	.90
1978	114	1.22	18	2.32	132	1.37
1979	212	1.59	9	3.50	221	1.67
1980	80	1.40	73	2.78	153	2.06
1981	179	2.57	81	1.64	260	2.28
1982	343	3.39	144	2.22	487	3.05
1983	823	3.82	406	2.02	1229	3.23
1984	789	3.60	330	2.57	1119	3.29
1985	767	3.48	845	2.22	1612	2.82
1986	753	2.80	803	1.84	1556	2.30
1987	1147	3.20	553	2.38	1700	2.93
1988	1171	3.70	651	2.56	1822	3.29
1989	761	3.78	511	2.00	1272	3.06
1990	788	3.82	475	2.58	1263	3.35
1991	1564	3.26	943	2.57	2507	3.00
1992	2515	3.16	1025	2.96	3540	3.10
1993	2010	3.65	1346	2.75	3356	3.29
1994	2074	3.75	1210	3.02	3284	3.48
1995	3762	3.96	997	2.93	4759	3.75
1996	1405	4.50	1030	3.48	2435	4.07
1997	1334	5.01	1120	3.95	2454	4.53
1998	1342	4.91	921	3.74	2263	4.43
1999	1828	4.59	830	4.45	2658	4.55
2000	1930	5.34	1184	4.10	3114	4.87
2001	1690	6.10	1006	3.98	2696	5.31
2002	1690	7.20	702	4.29	2392	6.34
2003	1871	7.14	626	3.70	2497	6.28
2004	1916	8.13	692	4.21	2608	7.09
2005	2292	8.02	657	4.23	2949	7.18
2006	2070	8.75	774	4.16	2844	7.50
2007	1916	9.60	852	4.78	2768	8.12
2008	0	.	12	10.54	12	10.54
Total	41572	5.17	20836	3.32	62408	4.55

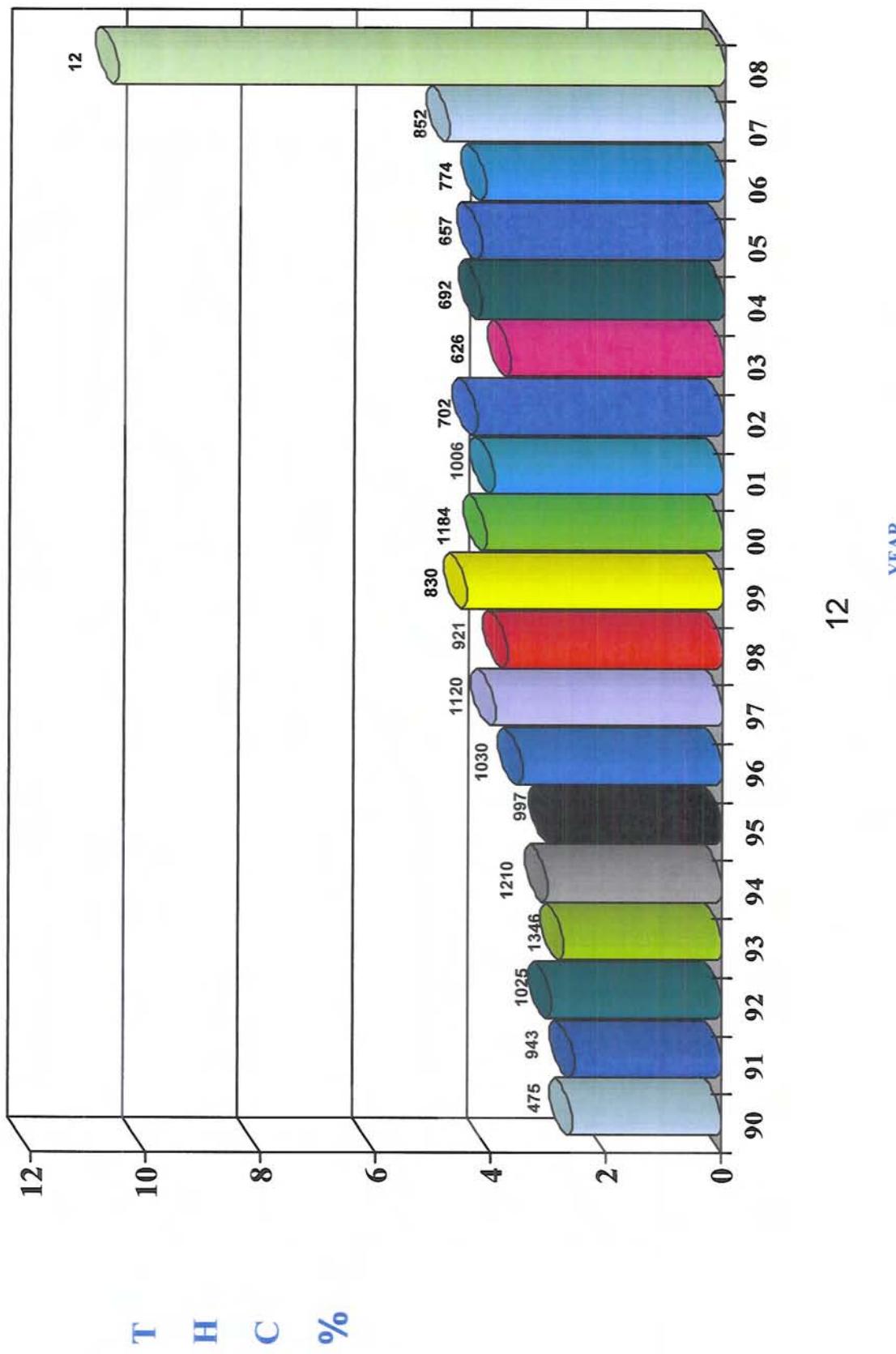
NOTES:

(1) Potency Monitoring; designates those samples received through the DEA under the scope of the Potency Monitoring Program.

(2) State Crime Labs; designates those samples received from state crime labs or other state agencies.

(3) All figures are given as percent of dry weight.

FIGURE 2: DOMESTIC CANNABIS THC% VS YEAR OF CONFISCATION



(The number above the graph represents the number of seizures)

FIGURE 3:
NON-DOMESTIC CANNABIS THC% VS YEAR OF CONFISCATION

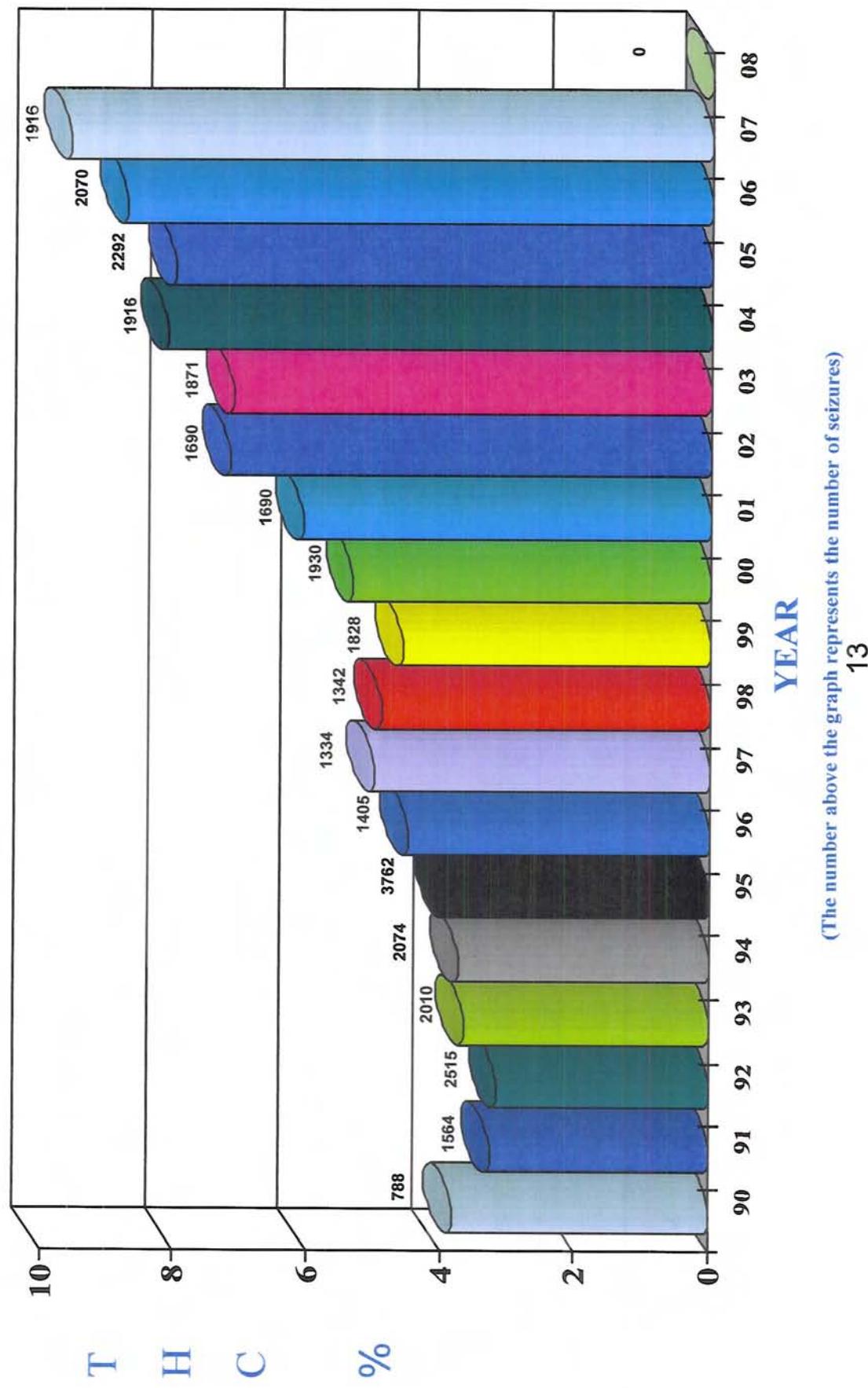


Table 5. Domestic Cultivation
Cannabis Samples Analyzed Through March 15, 2008

	Domestic		Not domestic		TOTAL	
0	.0%	0	100.0%	4	100.0%	4
1967	50.0%	1	50.0%	1	100.0%	2
1968	100.0%	1	.0%	0	100.0%	1
1969	30.8%	4	69.2%	9	100.0%	13
1970	67.9%	19	32.1%	9	100.0%	28
1971	53.3%	8	46.7%	7	100.0%	15
1972	61.8%	21	38.2%	13	100.0%	34
1973	27.3%	9	72.7%	24	100.0%	33
1974	20.4%	21	79.6%	82	100.0%	103
1975	10.9%	17	89.1%	139	100.0%	156
1976	1.5%	3	98.5%	203	100.0%	206
1977	2.9%	7	97.1%	233	100.0%	240
1978	13.6%	18	86.4%	114	100.0%	132
1979	4.1%	9	95.9%	212	100.0%	221
1980	47.7%	73	52.3%	80	100.0%	153
1981	31.2%	81	68.8%	179	100.0%	260
1982	29.6%	144	70.4%	343	100.0%	487
1983	33.0%	406	67.0%	823	100.0%	1229
1984	29.5%	330	70.5%	789	100.0%	1119
1985	52.4%	845	47.6%	767	100.0%	1612
1986	51.6%	803	48.4%	753	100.0%	1556
1987	32.5%	553	67.5%	1147	100.0%	1700
1988	35.7%	651	64.3%	1171	100.0%	1822
1989	40.2%	511	59.8%	761	100.0%	1272
1990	37.6%	475	62.4%	788	100.0%	1263
1991	37.6%	943	62.4%	1564	100.0%	2507
1992	29.0%	1025	71.0%	2515	100.0%	3540
1993	40.1%	1346	59.9%	2010	100.0%	3356
1994	36.8%	1210	63.2%	2074	100.0%	3284
1995	20.9%	997	79.1%	3762	100.0%	4759
1996	42.1%	1025	57.9%	1410	100.0%	2435
1997	45.5%	1117	54.5%	1337	100.0%	2454
1998	40.7%	920	59.3%	1343	100.0%	2263
1999	31.3%	831	68.7%	1827	100.0%	2658
2000	38.1%	1186	61.9%	1928	100.0%	3114
2001	37.4%	1007	62.6%	1689	100.0%	2696
2002	29.3%	701	70.7%	1691	100.0%	2392
2003	25.0%	625	75.0%	1872	100.0%	2497
2004	26.6%	694	73.4%	1914	100.0%	2608
2005	22.3%	657	77.7%	2292	100.0%	2949
2006	27.3%	777	72.7%	2067	100.0%	2844
2007	30.8%	852	69.2%	1916	100.0%	2768
2008	100.0%	12	.0%	0	100.0%	12
TOTAL	33.3%	20935	66.7%	41862	100.0%	62797

NOTES

(1) "Domestic" includes only those samples known to be domestically cultivated.

In many cases, this is unknown; therefore, these figures represent low estimates.

(2) Percentages given are of the number of Cannabis samples analyzed by the Project which were seized in the given year.

Table 6. Arithmetic Cannabinoid Averages of Domestic Cannabis Samples by Year Seized

	# of Seizures	% Delta-9 THC	% CBD	% CBC	% CBN
1975	17	1.99	.28	.14	.25
1976	3	1.77	.19	.09	.22
1977	7	1.38	.00	.11	.81
1978	18	2.32	.01	.11	.34
1979	9	3.50	.02	.17	.97
1980	73	2.78	.20	.14	.28
1981	81	1.64	.69	.13	.31
1982	144	2.22	.81	.15	.08
1983	406	2.02	.46	.14	.09
1984	330	2.57	.48	.20	.17
1985	845	2.22	.44	.15	.10
1986	803	1.84	.43	.16	.08
1987	553	2.38	.66	.20	.12
1988	651	2.56	.43	.14	.14
1989	511	2.00	.59	.12	.08
1990	475	2.58	.67	.19	.03
1991	943	2.57	.87	.21	.03
1992	1025	2.96	.45	.30	.03
1993	1346	2.75	.48	.20	.01
1994	1210	3.02	.50	.25	.02
1995	997	2.93	.41	.25	.03
1996	1025	3.48	.49	.27	.02
1997	1117	3.95	.40	.32	.03
1998	920	3.76	.40	.26	.02
1999	831	4.45	.46	.29	.02
2000	1186	4.10	.33	.26	.06
2001	1007	3.98	.32	.28	.07
2002	701	4.30	.31	.32	.08
2003	625	3.65	.41	.31	.04
2004	694	4.20	.29	.30	.07
2005	657	4.23	.32	.30	.06
2006	776	4.16	.61	.26	.08
2007	852	4.78	.43	.26	.06
2008	12	10.54	.49	.35	.11
TOTAL	20850	3.32	.46	.24	.06

Table 7. Non-normalized THC Averages for Domestic Cannabis Samples by Year Seized and Description

	Type of Cannabis				Physical Description				All samples									
	Ditch weed	#	Marijuana	#	Sinsemilla	#	Buds	#	Kilobricks	#	Loose leaf	#	Loose other	#	UK	#	#	
1985	.50	102	2.19	703	7.07	40	5.78	75	.	0	1.87	770	.	0	2.22	845		
1986	.32	124	1.95	661	8.16	18	7.32	35	.	0	1.59	767	.	0	1.84	803		
1987	.34	86	2.46	441	7.69	26	6.08	51	.	0	2.00	502	.	0	2.38	553		
1988	.40	69	2.20	513	7.33	69	5.97	121	.	0	1.78	530	.	0	2.56	651		
1989	.29	104	1.71	350	6.86	57	4.22	126	.	0	1.27	385	.	0	2.00	511		
1990	.33	78	2.09	352	10.29	45	6.20	105	2.18	1	0	1.55	369	.	0	2.58	475	
1991	.31	246	2.90	651	10.10	46	5.26	258	.	0	1.56	685	.	0	2.57	943		
1992	.31	107	3.05	875	7.72	43	6.98	137	5.47	2	0	2.33	886	.	0	2.96	1025	
1993	.37	189	2.83	1039	5.82	118	5.69	253	3.73	1	.61	1	2.07	1091	.	0	2.75	1346
1994	.39	136	2.95	980	7.55	94	6.04	208	.	0	1.37	10	2.40	992	.	0	3.02	1210
1995	.41	149	2.55	701	7.26	147	5.75	239	4.07	1	2.02	742	2.86	15	.	0	2.93	997
1996	.37	115	2.90	763	8.92	147	6.87	269	3.44	2	2.27	740	2.57	14	.	0	3.48	1025
1997	.48	57	3.34	958	11.61	102	8.60	211	.88	2	2.81	887	6.20	17	.	0	3.95	1117
1998	.40	81	3.38	775	12.58	64	8.47	189	8.66	2	2.44	703	4.86	26	.	0	3.76	920
1999	.33	59	3.76	691	13.31	81	9.61	233	.	0	2.23	542	4.47	56	.	0	4.45	831
2000	.34	69	3.94	1066	12.71	51	8.40	318	6.05	1	2.33	809	5.29	58	.	0	4.10	1186
2001	.42	59	3.56	808	7.86	140	7.57	302	.	0	2.29	618	3.44	87	.	0	3.98	1007
2002	.41	67	3.28	408	7.29	226	5.21	495	.	0	1.87	194	6.02	11	5.18	1	4.30	701
2003	.35	57	2.35	377	7.21	191	4.93	380	4.03	1	1.65	242	2.32	2	.	0	3.65	625
2004	.37	53	2.55	395	7.67	246	5.68	422	.	0	1.87	270	5.76	2	.	0	4.20	694
2005	.34	52	2.25	354	7.81	251	6.65	331	7.80	1	1.70	321	6.03	4	.	0	4.23	657
2006	.29	49	1.99	363	6.82	365	5.92	463	6.22	2	1.51	308	2.18	4	.	0	4.16	777
2007	.34	37	1.92	333	7.10	482	6.53	551	.	0	1.56	300	.	0	4.78	852		
2008	.23	1	9.32	1	11.70	10	11.54	10	.	0	1.48	1	9.67	1	0	10.54	12	

NOTE: Figures are percent of dry weight.

Table 8. Non-normalized THC Averages for Non-Domestic Cannabis Samples by Year Seized and Description

	Ditch weed	Type of Cannabis			Physical Description												All samples		
		#	#	#	Buds	Kilobricks	Loose leaf	Loose other	ST	Thai Sticks	UK	#	#	#	#	#	#		
1985	.30	9	3.44	745	7.95	12	6.26	1	5.57	83	3.80	73	.	0	3.15	610	0	3.48	767
1986	.30	23	2.75	711	8.78	14	3.73	5	5.53	65	2.98	97	.	0	2.45	585	0	4.22	6
1987	.35	17	3.16	1110	8.29	17	4.45	3	5.13	101	3.32	194	.	0	2.94	849	0	4.45	3
1988	.39	13	3.62	1127	8.30	29	3.36	2	6.28	129	3.53	139	.	0	3.36	901	0	3.36	2
1989	.30	7	3.68	725	7.13	29	.	0	5.31	156	3.85	54	.	0	3.34	551	0	0	0
1990	.33	15	3.78	756	9.59	16	.12	1	6.37	73	3.78	110	.	0	3.53	604	0	.12	1
1991	.35	37	3.18	1498	11.20	29	.	0	5.64	192	3.11	507	.	0	2.82	865	0	0	0
1992	.27	21	3.09	2461	9.67	33	.	0	6.09	160	3.07	1055	.	0	2.87	1300	0	0	0
1993	.35	11	3.67	1994	4.64	5	.	0	6.63	37	3.63	1011	.	0	3.56	962	0	0	0
1994	.32	12	3.76	2052	6.92	10	.	0	6.36	43	3.77	1203	.63	3	3.60	825	0	0	0
1995	.44	14	3.95	3729	9.64	17	4.52	2	7.81	34	3.84	2714	1.76	16	4.19	996	0	4.52	2
1996	.62	3	4.40	1385	11.30	22	.	0	7.16	83	4.44	633	2.10	26	4.31	668	0	0	0
1997	.57	3	4.92	1313	11.62	19	.	0	8.96	91	4.68	510	2.43	48	4.90	686	0	0	0
1998	.18	6	4.71	1300	11.88	37	.	0	8.33	165	4.65	476	2.17	62	4.45	640	0	0	0
1999	.56	13	4.34	1759	13.49	55	.	0	10.42	186	3.84	587	2.33	61	4.09	986	0	0	0
2000	.54	4	5.10	1861	12.87	62	.	0	10.40	276	4.40	624	1.93	48	4.67	977	0	3.27	1
2001	.53	4	5.77	1590	12.05	95	.	0	9.96	364	4.99	617	2.44	29	5.21	679	0	0	0
2002	.30	8	5.66	1381	14.41	302	.	0	9.83	779	5.07	693	3.11	86	5.46	133	0	0	0
2003	.34	9	5.63	1516	14.00	347	.	0	9.99	816	5.15	911	3.67	87	4.09	57	0	.05	1
2004	.43	9	6.17	1416	13.98	489	.	0	10.61	1046	5.41	748	3.25	74	4.54	41	2.56	2	0
2005	.79	4	5.91	1606	13.03	682	.	0	10.74	1151	5.68	930	3.10	175	5.81	35	2.13	1	0
2006	.50	4	6.51	1403	13.58	660	.	0	11.21	1183	6.03	652	3.58	189	5.17	41	0	0	0
2007	.67	4	7.18	1173	13.50	739	.	0	11.09	1347	6.68	432	3.42	114	8.06	22	0	10.37	1

NOTE: Figures are percent of dry weight.

**Table 9. Arithmetic Cannabinoid Averages of Hashish Samples
by Year Seized**

	# of Seizures	% Delta-9 THC	% CBD	% CBC	% CBN
1975	88	2.31	2.60	.38	1.67
1976	50	3.39	3.31	.37	2.55
1977	44	1.81	2.94	.22	1.72
1978	51	2.15	4.03	.23	2.07
1979	43	2.32	5.45	.16	1.76
1980	37	2.58	7.58	.38	1.88
1981	13	2.91	6.51	.28	1.91
1982	32	2.69	6.73	.10	1.45
1983	47	5.47	6.15	.13	1.62
1984	59	5.75	3.25	.31	1.59
1985	41	6.49	2.30	.34	1.33
1986	53	2.66	1.10	.30	1.27
1987	63	2.62	1.63	.19	1.24
1988	43	3.35	2.22	.21	1.70
1989	19	7.06	5.08	.32	1.56
1990	38	5.30	4.90	.42	1.50
1991	31	5.21	3.58	.50	1.78
1992	61	5.35	2.97	.62	3.20
1993	39	6.60	3.78	.70	2.32
1994	29	4.60	3.53	.49	1.71
1995	19	3.60	3.34	.51	1.70
1996	12	2.52	4.54	.70	2.43
1997	31	8.92	3.98	.75	2.13
1998	15	5.87	1.73	.80	2.04
1999	23	4.94	1.79	.59	2.07
2000	27	4.16	4.90	.59	2.31
2001	13	8.48	2.72	.58	1.54
2002	16	9.12	2.49	.60	1.38
2003	16	9.23	3.92	.68	1.85
2004	25	18.95	.76	.74	1.42
2005	47	11.98	1.67	.86	1.91
2006	32	29.33	1.62	.69	1.34
2007	56	28.19	1.09	.81	1.99
2008	2	.26	.	.03	.
TOTAL	1215	6.63	3.30	.44	1.82

**Table 10. Arithmetic Cannabinoid Averages of Hash Oil Samples
by Year Seized**

	# of Seizures	% Delta-9 THC	% CBD	% CBC	% CBN
1975	29	13.09	6.71	.86	4.21
1976	18	18.82	10.25	1.16	5.07
1977	16	19.84	7.25	.59	5.23
1978	9	21.31	6.06	1.39	5.07
1979	9	20.91	.57	1.54	6.00
1980	8	16.56	8.67	1.02	5.30
1981	5	17.45	10.16	1.35	3.63
1982	8	19.88	8.28	1.58	4.34
1983	30	21.36	3.25	1.47	4.57
1984	33	16.75	1.36	1.06	4.31
1985	25	15.08	.42	.96	5.08
1986	23	16.51	2.10	1.52	3.18
1987	22	13.36	.30	.99	3.95
1988	16	8.52	1.46	.65	2.22
1989	9	11.96	1.59	.85	4.85
1990	12	16.60	.86	.74	1.81
1991	10	13.07	3.26	.95	2.25
1992	22	13.85	1.05	1.35	4.19
1993	17	16.52	.11	.73	7.71
1994	14	11.57	.18	.64	3.08
1995	13	13.23	.72	1.00	4.24
1996	8	12.82	1.27	1.09	3.99
1997	10	18.20	.28	1.05	3.51
1998	5	15.78	.21	.78	3.58
1999	11	16.21	.38	1.34	4.83
2000	7	28.58	.51	1.57	1.65
2001	7	19.44	1.32	1.20	4.36
2002	5	22.51	.33	.54	1.69
2003	4	15.54	.19	.80	1.32
2004	4	31.32	1.12	1.14	2.20
2005	6	6.40	.52	.22	1.38
2006	3	18.74	.20	.43	.59
2007	16	27.17	.60	1.04	1.95
2008	7	1.35	.03	.08	.06
TOTAL	441	16.44	2.61	1.04	3.99

**Table 11. Delta-9 THC Averages For All Samples
Provided by DEA Labs and Analyzed Through March 15, 2008**

	Cannabis		Hashish		Hash Oil		Yr/total	
	# of samp.	THC	# of samp.	THC	# of samp.	THC	# of samp.	THC
STRL	566	2.49%	269	4.06%	30	18.39%	865	3.53%
NERL	3,528	6.43%	214	4.06%	62	18.70%	3,804	6.49%
MARL	2,494	6.00%	37	4.98%	13	21.99%	2,544	6.07%
SERL	5,597	4.58%	191	6.25%	227	15.25%	6,015	5.03%
NCRL	5,341	5.51%	61	5.00%	24	18.43%	5,426	5.56%
SCRL	6,557	3.65%	48	4.55%	19	14.35%	6,624	3.69%
SWRL	13,183	4.75%	243	11.07%	39	9.60%	13,465	4.88%
WRL	4,584	7.52%	230	6.51%	49	23.77%	4,863	7.64%
Total	41,850	5.14%	1,293	6.23%	463	16.66%	43,606	5.29%

KEY:

STRL - Special Testing and Research Laboratory

NERL - Northeast Regional Laboratory

MARL - Mid-Atlantic Regional Laboratory

SERL - Southeast Regional Laboratory

NCRL - North Central Regional Laboratory

SCRL - South Central Regional Laboratory

SWRL - Southwest Regional Laboratory

WRL - Western Regional Laboratory

**Table 12. Delta-9 THC Averages For All Samples
Provided by DEA Labs and Analyzed Between December 16, 2007 to March 15, 2008**

	Cannabis		Hashish		Hash Oil		Yr/total	
	# of samp.	THC						
STRL	0	.	1	12.14%	0	.	1	12.14%
NERL	109	9.64%	2	23.70%	0	.	111	9.90%
MARL	47	8.80%	0	.	0	.	47	8.80%
SERL	88	7.80%	0	.	1	9.61%	89	7.82%
NCRL	162	7.85%	1	56.65%	0	.	163	8.15%
SCRL	44	6.49%	0	.	0	.	44	6.49%
SWRL	209	11.04%	17	25.68%	7	1.35%	233	11.82%
WRL	174	10.05%	12	19.27%	1	33.43%	187	10.76%
Total	833	9.32%	33	23.75%	9	5.83%	875	9.83%

KEY:

STRL - Special Testing and Research Laboratory

NERL - Northeast Regional Laboratory

MARL - Mid-Atlantic Regional Laboratory

SERL - Southeast Regional Laboratory

NCRL - North Central Regional Laboratory

SCRL - South Central Regional Laboratory

SWRL - Southwest Regional Laboratory

WRL - Western Regional Laboratory

**Table 13. List of Ditchweed Description PM Numbers
with THC Concentration More Than 1%
and CBD Higher than THC**

	# of Seizures	% Delta-9 THC	% CBD
28607	1	1.13	1.22
28608	1	1.14	1.62
28609	1	1.04	2.19
28617	1	1.43	1.87
29099	1	2.40	2.70
29385	1	1.31	3.60
29393	1	1.32	1.36
29395	1	1.26	2.81
32630	1	1.19	4.22
32702	1	1.28	2.74
33490	1	1.23	1.52
33497	1	1.18	1.90
34045	1	1.07	1.39
36450	1	1.14	1.20
47078	1	1.17	1.87
TOTAL	15	1.29	2.15

**Table 14. List of Unknown Description PM Numbers
with THC Concentration More Than 1%
and CBD Higher than THC**

	# of Seizures	% Delta-9 THC	% CBD
38280	1	5.08	5.16
38287	1	4.25	4.65
TOTAL	2	4.66	4.90